

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot


A	
B	
C	
D	
E	
F	



Design Tree
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AARON R. MUELLER, PE
DATE: 05-15-2013

REG. NO.
MN 4618

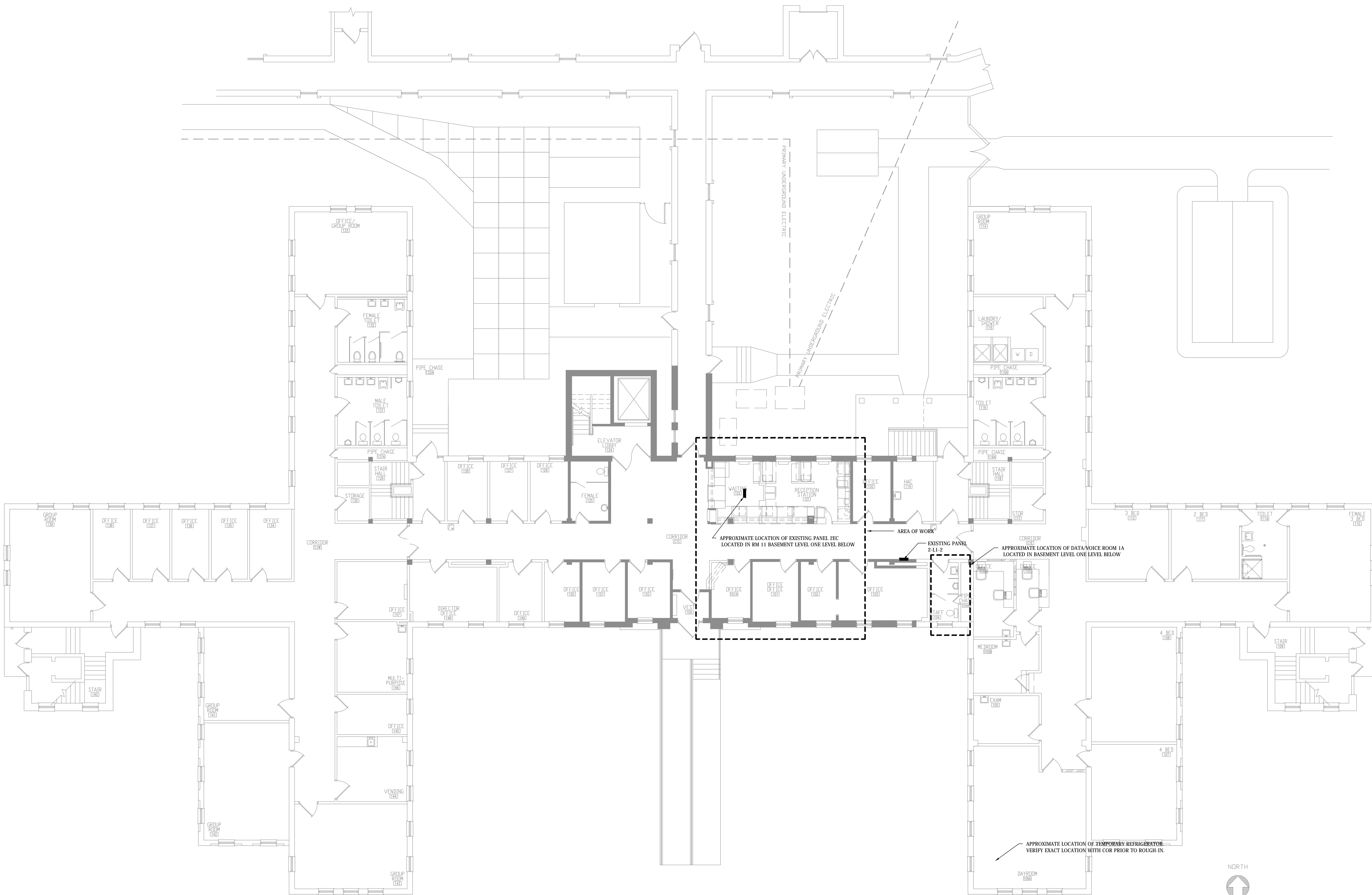
PROJECT TITLE		
UPGRADE RECEPTION STATIONS BLDGS 2 & 51		
BUILDING No	CHECKED BY	DRAWN
2 & 51	ARM	DL
LOCATION		
ST. CLOUD VA MEDICAL CEN		

DATE	05.15.2013
PLOT SCALE	AS NOTED
PROJECT NO.	656-13-226
CAD FILE	XXX
DRAWING NO.	E1.1



100 % CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
one sixteenth inch = one foot



 **BUILDING 2 FIRST FLOOR OVERALL ELECTRICAL PLAN**
SCALE = 1/8"=1'-0"

100 % CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

NO	REVISION	DATE



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Alexandria, MN 56308
(320) 762-1290

St. Cloud Office
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St. Cloud, MN 56301
(320) 217-5557

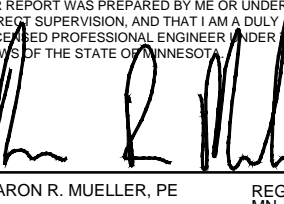


JLG
architects

Alexandria
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phone 320.759.9030
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LAND SURVEYOR IN THE STATE OF MINNESOTA.



AARON H. MUEHLEN, PE
DATE: 05-15-2013
REG. NO.: MN 06168

DRAWING TITLE
**BUILDING 2 FIRST FLOOR
OVERALL ELECTRICAL PLAN**

APPROVED: PROJECT DIRECTOR
DATE: _____

PROJECT TITLE
**UPGRADE RECEPTION
STATIONS BLDGS 2 & 51**

DATE
05.15.2013

PROJECT NO.
656-13-226

CLIENT
**ST. CLOUD VA MEDICAL CENTER
ST. CLOUD, MN 56303**

DATE
05.15.2013

PROJECT NO.
656-13-226

CLIENT
**ST. CLOUD VA MEDICAL CENTER
ST. CLOUD, MN 56303**

DESIGNER
ARM

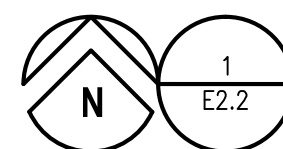
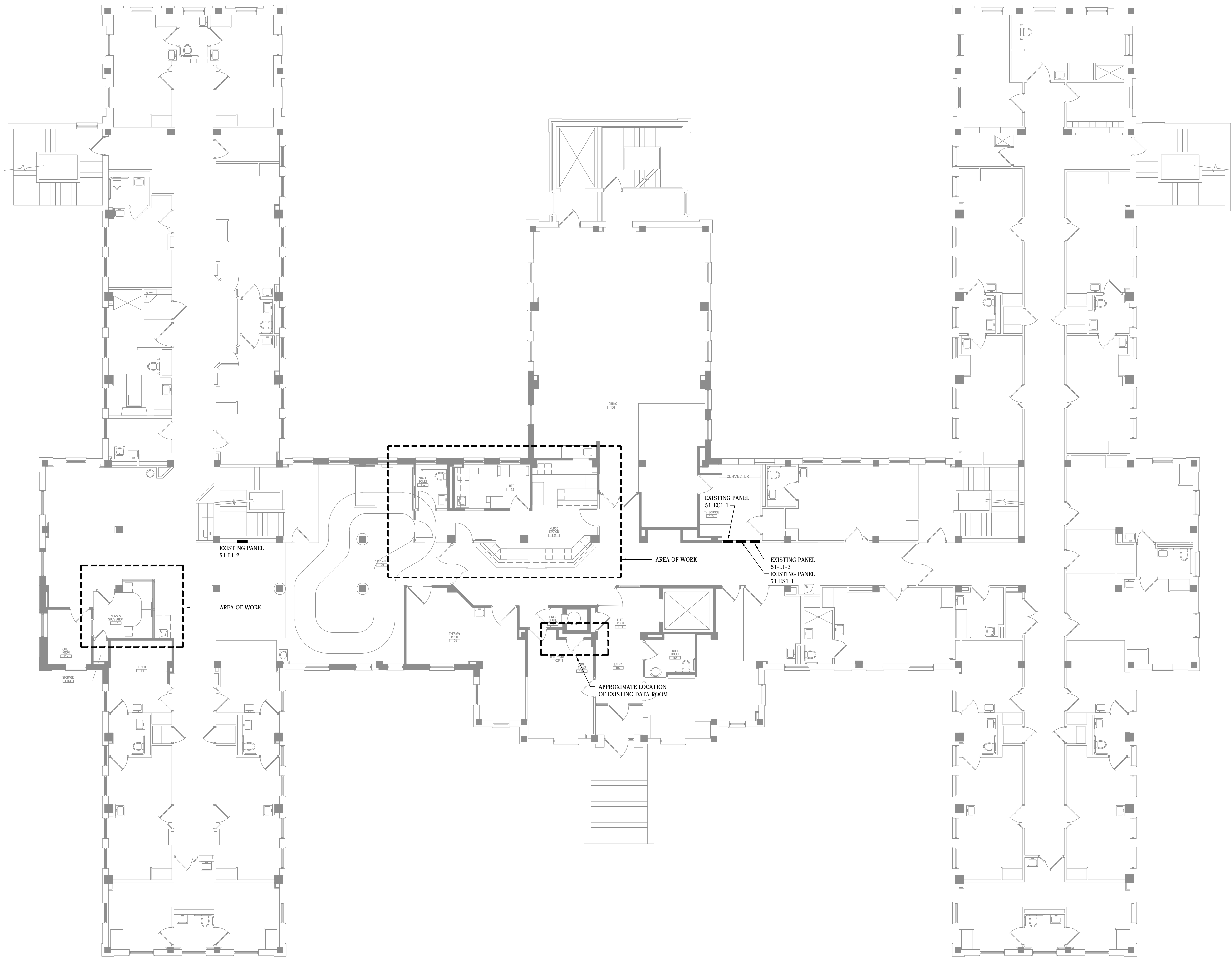
DRAWN BY
DLJ

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ST. CLOUD VA
Health Care System
Brainerd | Montevideo | Alexandria



three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



BUILDING 51 FIRST FLOOR OVERALL ELECTRICAL PLAN
SCALE = 1/8"=1'-0"



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DATE: 05-15-2013
SIGNATURE: [Signature]
TITLE: PE
NO. 06106

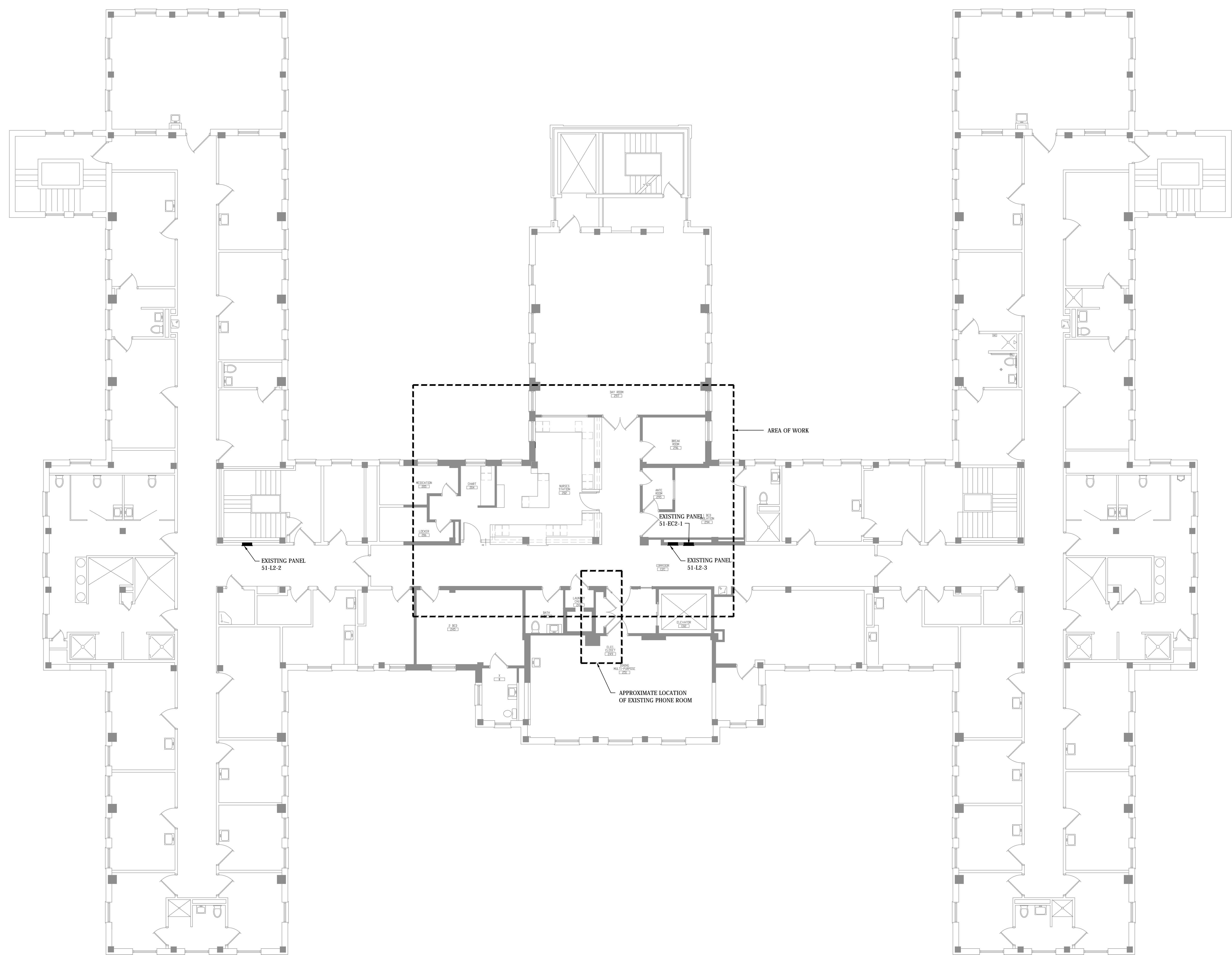
DRAWING TITLE			
BUILDING 51 FIRST FLOOR OVERALL ELECTRICAL PLAN			
APPROVED: PROJECT DIRECTOR			
DATE:			

PROJECT TITLE			
UPGRADE RECEPTION STATIONS BLDGS 2 & 51			
DATE: 05-15-2013			
PLANT SCALE: AS NOTED			
PROJECT NO: 656-13-226			
CITY: ST. CLOUD, MN 56303			
DRAWING NO: E2.2			

DATE: 05-15-2013
PLANT SCALE: AS NOTED
PROJECT NO: 656-13-226
CITY: ST. CLOUD, MN 56303
DRAWING NO: E2.2



three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
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three eighths inch = one foot
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one eighth inch = one foot




 **BUILDING 51 SECOND FLOOR OVERALL ELECTRICAL PLAN**
SCALE = 1/8"=1'-0"



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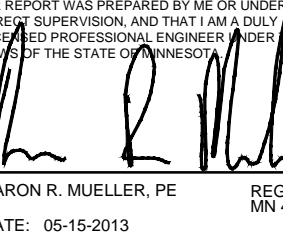
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AARON R. MUEHLEN, PE
DATE: 05-15-2013
FIELD NO: MN 06168

DRAWING TITLE
BUILDING 51 SECOND FLOOR OVERALL ELECTRICAL PLAN

APPROVED: PROJECT DIRECTOR
DATE: _____

PROJECT TITLE
UPGRADE RECEPTION STATIONS BLDGS 2 & 51

BLDG. NO: **2 & 51** PROJECT BY: **ARM** DRAWN BY: **DLJ**

LOCATION:
**ST. CLOUD VA MEDICAL CENTER
ST. CLOUD, MN 56303**

DATE
05-15-2013

PLT/SCALE
AS NOTED

PROJECT NO.
656-13-226

CAD FILE
XXX

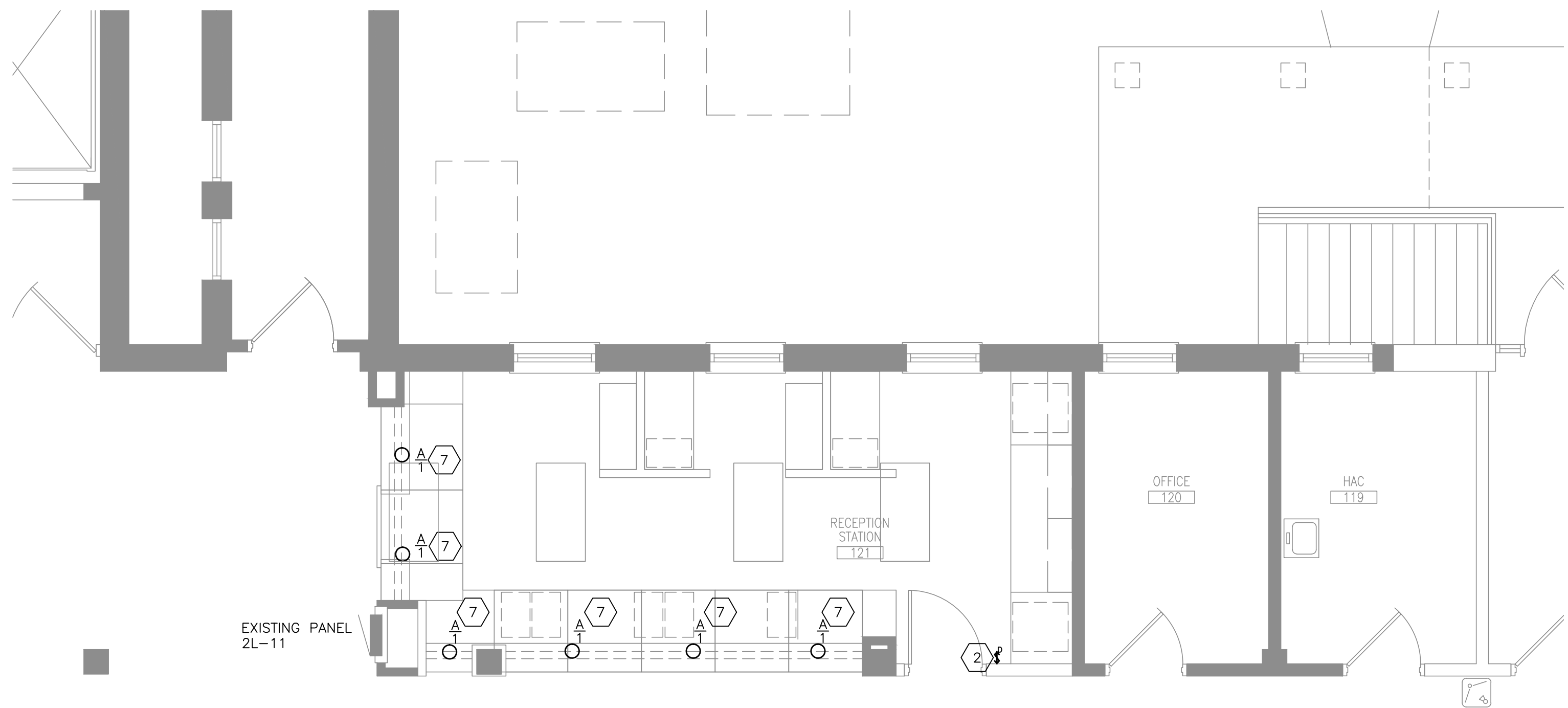
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E2.3 DWG 17/21



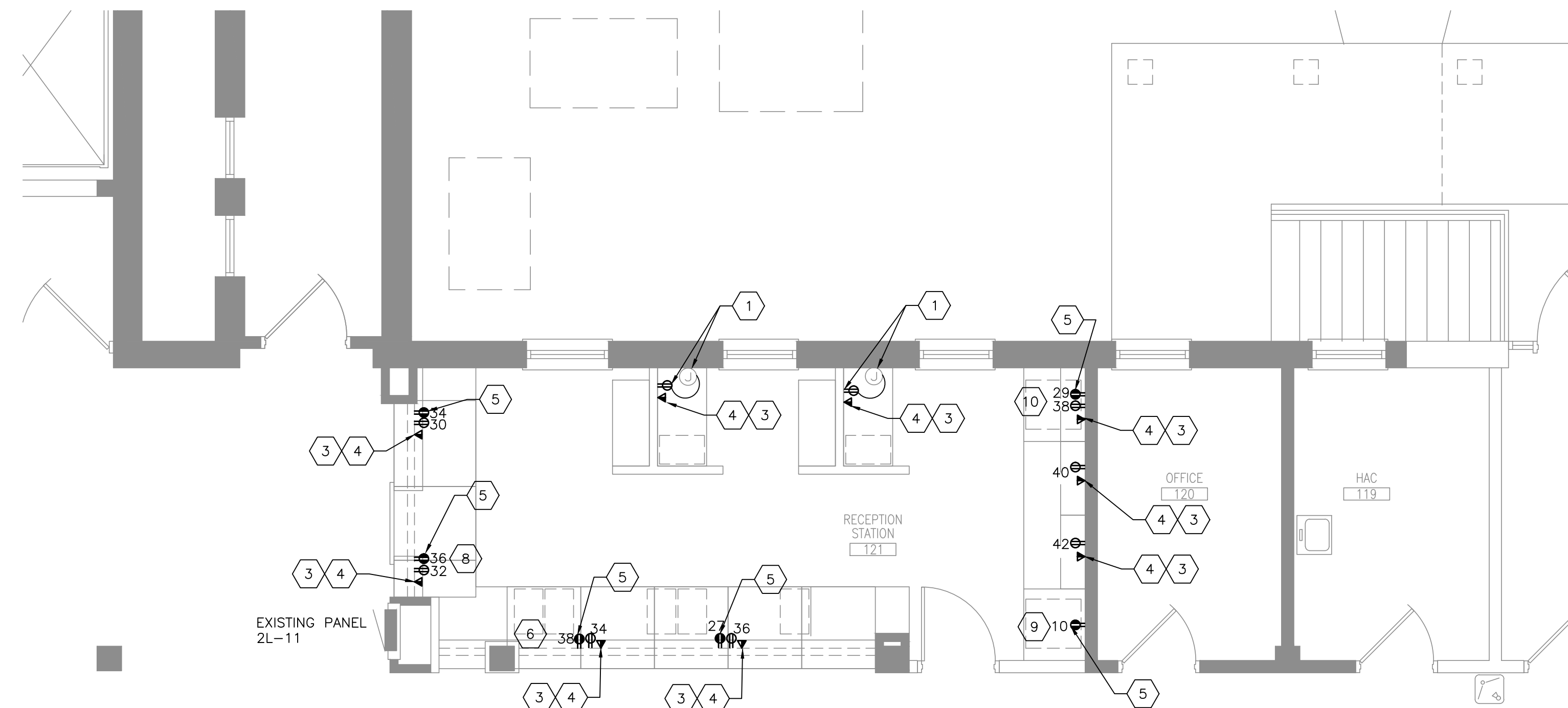
St. Cloud VA
Health Care System
Brainerd | Montevideo | Alexandria



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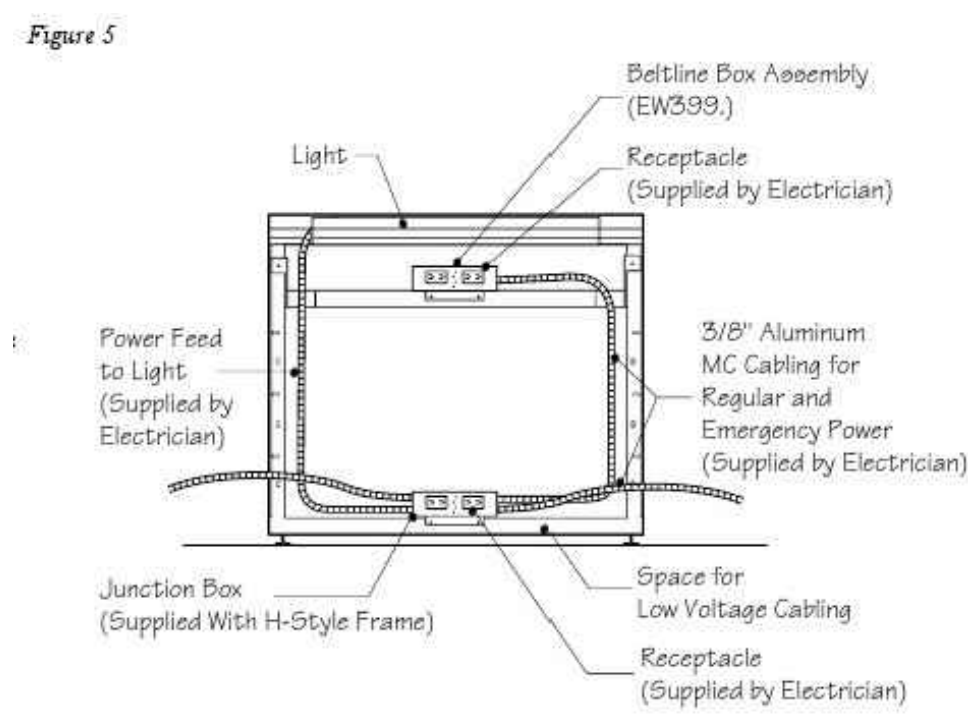
BUILDING 2 FIRST FLOOR LIGHTING PLAN - NURSE STATION 121
SCALE = 1/4"=1'-0"



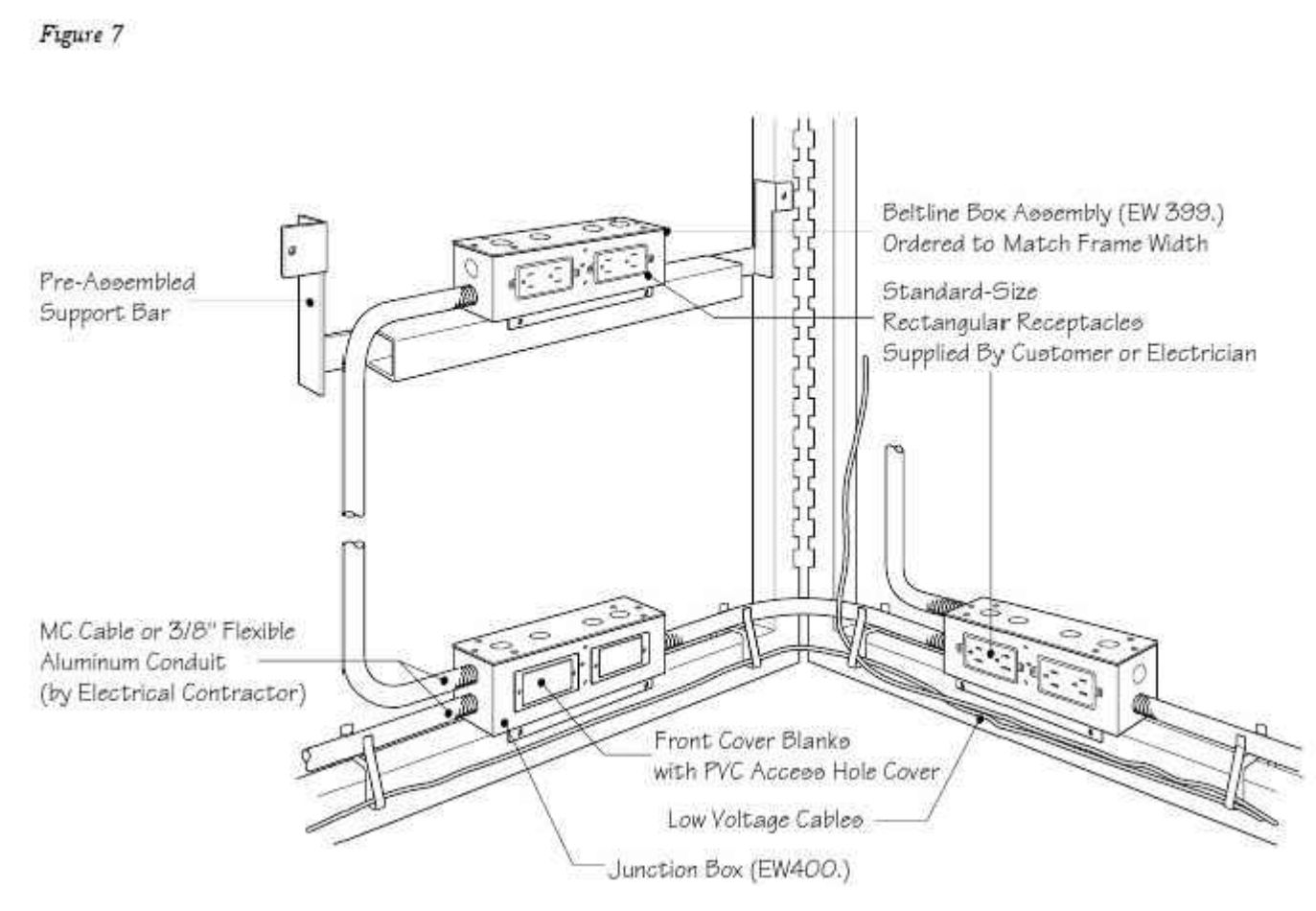
BUILDING 2 FIRST FLOOR POWER & SYSTEMS PLAN - NURSE STATION 121
SCALE = 1/4"=1'-0"

- ### GENERAL NOTES
- INSTALL LIGHT SWITCHES AND WALL CONTROL STATIONS WITHIN ONE FOOT OF THE ADJACENT DOOR OR SIDE LIGHT. WHEN INSTALLED ON THE HINGED SIDE OF DOOR THEY SHALL NOT BE OBSTRUCTED WHEN DOOR IS OPEN.
 - PROVIDE ALL BRANCH CIRCUITS WITH A DEDICATED NEUTRAL CONDUCTOR PER CIRCUIT.
 - PROVIDE A NON-SWITCHED CIRCUIT TO ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS.
 - FOR EXACT LOCATION OF CEILING MOUNTED ELECTRICAL LIGHTING, DEVICES, ETC. SEE ARCHITECTURAL REFLECTED CEILING PLAN. FOR WALL MOUNTED DEVICES REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
 - ALL DEVICES ON THIS SHEET SHALL BE CONNECTED TO EXISTING PANEL 2-L1-2, UNLESS NOTED OTHERWISE. PROVIDE 20A/1P BREAKERS IN EXISTING SPACE IN PANEL. MATCH EXISTING MANUFACTURE AND AIC RATING.
 - REFER TO MECHANICAL PLANS FOR ALL NEW DUCT LOCATIONS, ROUTING, ETC. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND RELOCATE ALL ELECTRICAL AND LOW VOLTAGE THAT IS IN THE WAY OF NEW DUCT WORK INSTALLATION (I.E. CONDUIT, WIRE, LIGHT, FIRE ALARM, SOUND AND VOICE ETC.).
 - ALL NEW DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS SHALL BE INSTALLED IN SURFACE RACEWAY. COLOR TO MATCH EXISTING SURFACE. ALL NEW DEVICES SHOWN TO BE INSTALLED ON EXISTING SHEET ROCK WALLS SHALL BE CUT IN AND FLUSH MOUNTED. PROVIDE RECESSED BACKBOXES THROUGHOUT ALL NEW CONSTRUCTION AREA.
 - REFER TO THE ARCHITECTURAL SPECIFICATIONS DIVISION 0 AND DIVISION 1 FOR SCHEDULING REQUIREMENTS. MAINTAIN SERVICES TO OCCUPIED AREAS OF THE BUILDING DURING CONSTRUCTION. PROVIDE TEMPORARY SERVICES AS REQUIRED.
 - PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS OR CEILINGS FOR DIVISION 26 WORK. MATCH ADJACENT SURFACES.
 - ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL EXISTING CEILING AS NEEDED FOR ELECTRICAL WORK BEYOND GENERAL DEMOLITION OF CEILING SHOWN ON THE ARCHITECT'S DRAWINGS. REPLACE ALL LAY-IN TILES DAMAGED AS A RESULT OF THE DEMOLITION OF ELECTRICAL WORK.
 - SEAL ALL HOLES LEFT IN SMOKE OR FIRE RATED WALLS OR FLOORS COMPLETELY WITH INTUMESCENT TYPE FIRE BARRIERS.
 - ALL CONDUITS, BACK BOXES, RACEWAYS, COVERPLATES, ETC. FOR VOICE, DATA, VIDEO, PAGING, NURSE CALL, CCTV AND CARD ACCESS OUTLETS ARE PROVIDED BY DIVISION 26 ELECTRICAL CONTRACTOR.
 - ALL TECHNOLOGY SYSTEMS CABLEING, DEVICES, EQUIPMENT INSTALLATION, CONNECTIONS AND TESTING FOR VOICE, DATA, VIDEO, PAGING, NURSE CALL, CCTV AND CARD ACCESS OUTLETS ARE TO BE PROVIDED BY A LICENSED LOW VOLTAGE/POWER LIMITED COMMUNICATIONS CONTRACTOR/SUBCONTRACTOR AS SHOWN AND SPECIFIED IN DIVISION 27 SPECIFICATION.
 - ALL NETWORK ELECTRONICS (SWITCHES, SERVERS, ROUTERS, ETC.) AND WIRELESS ACCESS POINTS REQUIRED TO ACTIVATE THE LAN/WLAN DATA NETWORK ARE TO BE PROVIDED BY THE OWNER.
 - PROVIDE PLENUM RATED WIRE FOR ALL TECHNOLOGY CABLEING REQUIRED TO DEVICES INDICATED ON TECHNOLOGY PLAN AND DIVISION 27 SPECIFICATIONS.
 - FOR EXACT LOCATION OF CEILING MOUNTED TECHNOLOGY DEVICES SEE ARCHITECTURAL REFLECTED CEILING PLAN. FOR WALL MOUNTED DEVICES REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
 - TECHNOLOGY DEVICES EQUIPMENT, COMPONENTS, ETC SHOWN SCREENED (LIGHTLY SHADED) ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. DEVICES, ETC SHOWN SOLID ARE NEW AND SHALL BE PROVIDED UNDER THIS CONTRACT.
 - MODIFY EXISTING FIRE ALARM AND PAGING SYSTEMS FOR THE ADDITION OF NEW DEVICES SHOWN. PROVIDE ALL PROGRAMMING AND COMPONENTS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
 - WHERE NO EXISTING CABLE TRAY IS SUPPORT ALL CABLES EVERY 48"-60" USING APPROVED J-HOOK HANGERS AS DESCRIBED IN SECTION 27 13 00.
 - ALL NEW TECHNOLOGY DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS SHALL BE INSTALLED IN SURFACE RACEWAY PROVIDED BY DIVISION 26 ELECTRICAL CONTRACTOR. DIVISION TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR PROVIDING COVERPLATES FOR TECHNOLOGY DEVICE MOUNT.
 - ALL NEW TECHNOLOGY DEVICES SHOWN TO BE INSTALLED ON EXISTING SHEET AND NEW ROCK WALLS SHALL BE FLUSH MOUNTED IN RECESSED BACKBOXES PROVIDED BY DIVISION 26 ELECTRICAL CONTRACTOR.
 - PROVIDE NEW HORIZONTAL UTP CATEGORY 6 ONP COPPER CABLEING FOR ALL NEW TECHNOLOGY VOICE AND DATA OUTLETS SHOWN. ROUTE CABLEING TO EXISTING TELECOMMUNICATIONS ROOM, TERMINATE, AND TEST.
 - PROVIDE NEW PLENUM RATED WIRING TO ALL NURSE CALL DEVICE LOCATIONS SHOWN AS REQUIRED. IN ACCORDANCE WITH NURSE CALL MANUFACTURERS CABLEING REQUIREMENTS, TO EXISTING LOW VOLTAGE EQUIPMENT ROOM.

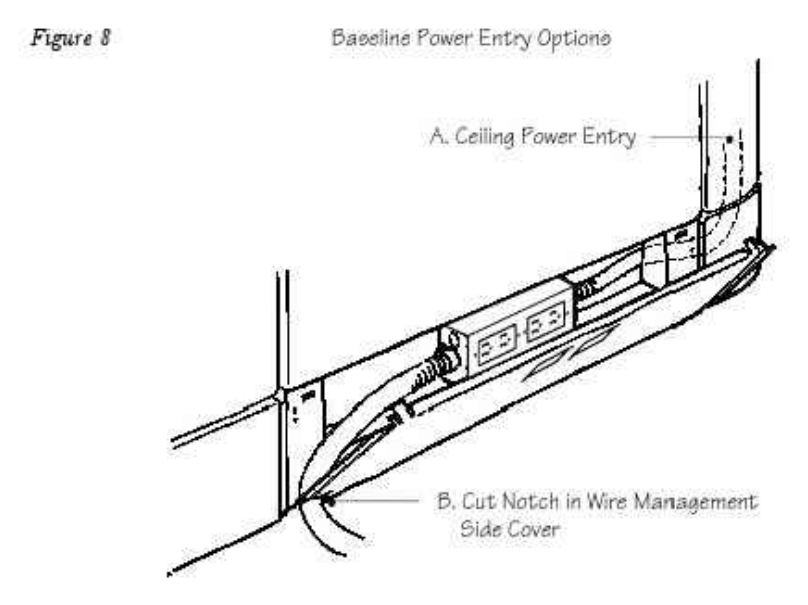
- ### PLAN NOTES
- USE BRANCH CIRCUIT SALVAGED DURING DEMOLITION TO FEED NEW DEVICES SHOWN.
 - PROVIDE A LUTRON 1200 WATT WALL DIMMER NOVA T OR EQUAL FOR CONTROL OF NEW LIGHT FIXTURES SHOWN.
 - PROVIDE COMBINATION VOICE/DATA TECHNOLOGY OUTLET AT LOCATION SHOWN. ROUTE (2) CABLES TO TELECOMMUNICATION ROOM AND MAKE ALL REQUIRED TERMINATIONS.
 - ROUTE BRANCH CIRCUIT AND LOW VOLTAGE CABLEING IN NEW NURSE STATION FURNITURE PER ALL STATE AND LOCAL CODES. COORDINATE WITH NURSE STATION FURNITURE CONTRACTOR PRIOR TO ROUGH-IN AND PROVIDE.
 - ALL EMERGENCY POWER SHALL BE CONNECTED TO EXISTING SQ D PANEL 2EC1 LOCATED IN THE BASEMENT LEVEL UNLESS NOTED OTHERWISE. PROVIDE 20A-1P BREAKERS IN EXISTING SPACE. BREAKER SHALL MATCH EXISTING MANUFACTURE AND AIC RATING.
 - FINAL LOCATION OF EXISTING INTELLEX MONITORY SYSTEM. REFER TO SHEET E3.1 NOTE 13 FOR ADDITIONAL INFORMATION. RECONNECT ALL DEVICES AND CABLEING. PROVIDE NEW CONDUIT AND CABLEING AS REQUIRED.
 - CONNECT NEW LIGHTS TO NEAREST EMERGENCY LIGHTING CIRCUIT ON THIS FLOOR WITH SPARE CAPACITY. VERIFY EXACT CONDITIONS AT SITE PRIOR TO BID.
 - FINAL LOCATION OF RELOCATED DOOR RELEASE STATION. EXTEND ALL CONDUIT AND ASSOCIATED ELECTRICAL TO RECONNECT DEVICE. REFER TO SHEET E3.1 NOTE 15 FOR ADDITIONAL INFORMATION.
 - FINAL LOCATION OF RELOCATED REFRIGERATOR. RECONNECT JOHNSON CONTROLS MONITORING SYSTEM. EXTEND ALL CONDUIT, CABLEING, AND ASSOCIATED ELECTRICAL TO RECONNECT DEVICE. REFER TO SHEET E3.1 NOTE 16 FOR ADDITIONAL INFORMATION.
 - FINAL LOCATION OF RELOCATED REFRIGERATOR. RECONNECT JOHNSON CONTROLS MONITORING SYSTEM. EXTEND ALL CONDUIT, CABLEING, AND ASSOCIATED ELECTRICAL TO RECONNECT DEVICES. REFER TO SHEET E3.1 NOTE 24 FOR ADDITIONAL INFORMATION.



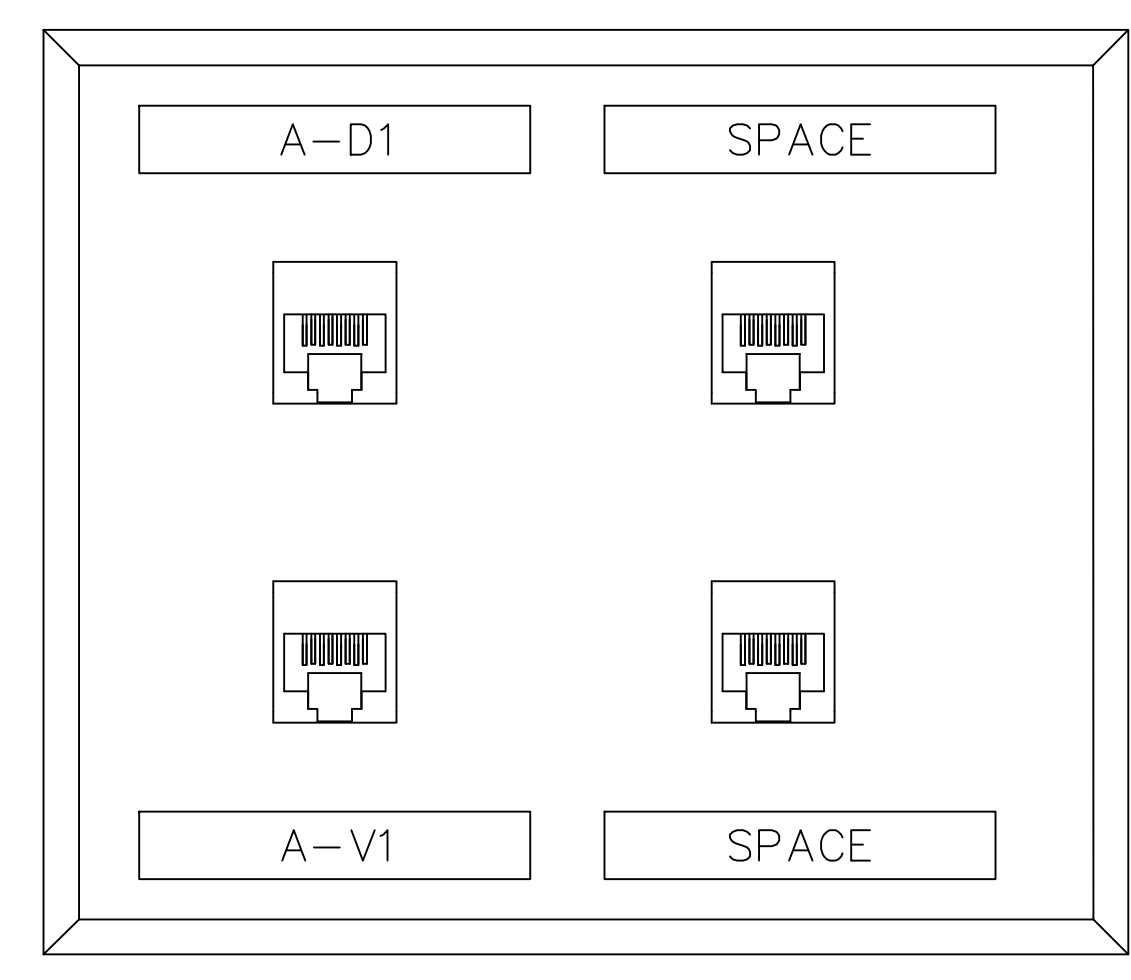
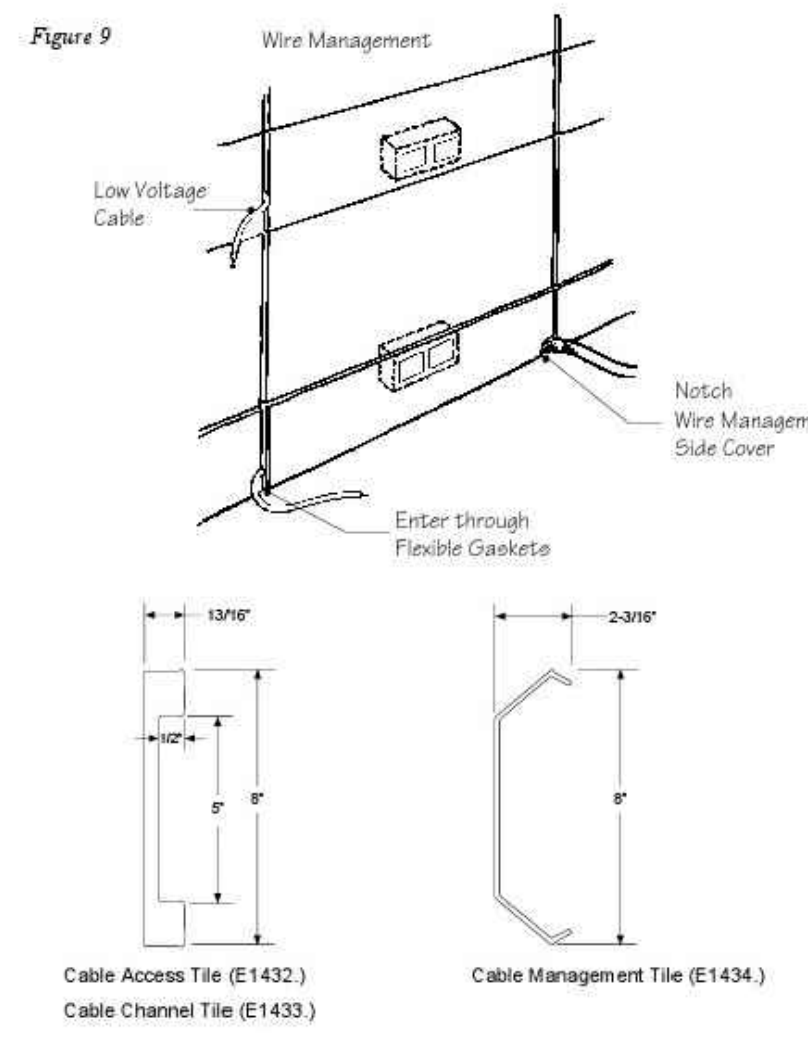
3 TYPICAL NURSE STATION WIRING DETAIL
E4.1 NOT TO SCALE



4 TYPICAL NURSE STATION WIRING DETAIL
E4.1 NOT TO SCALE

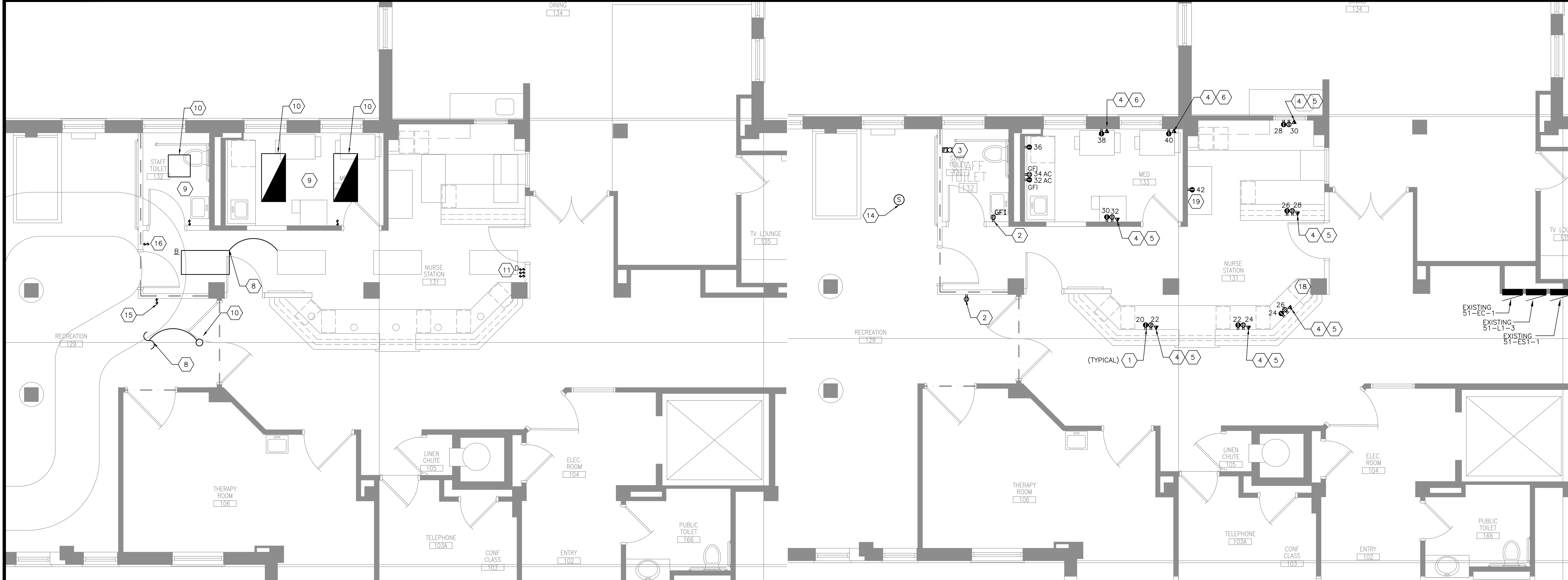


5 TYPICAL NURSE STATION WIRING DETAIL
E4.1 NOT TO SCALE

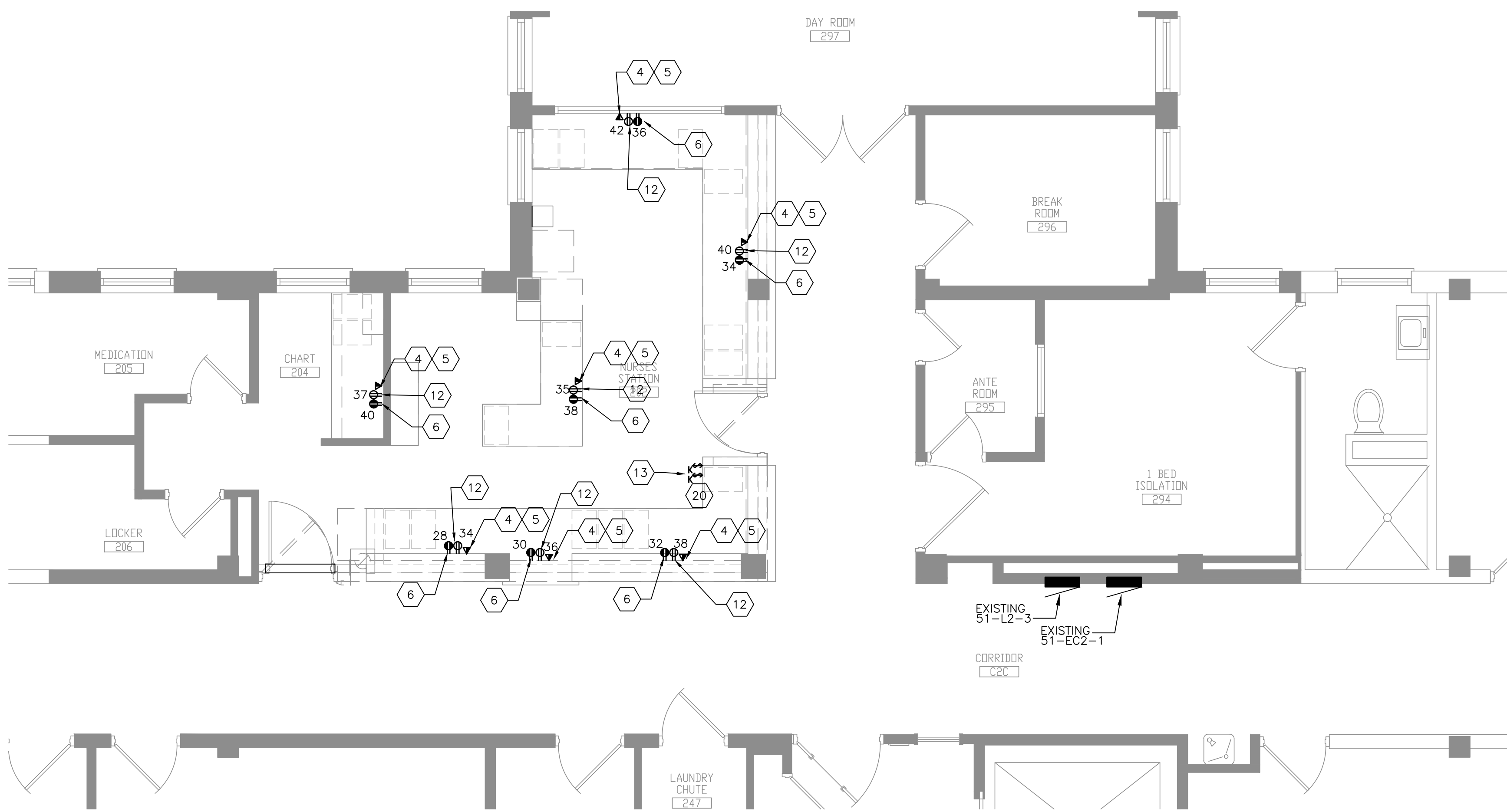


6 TYPICAL VOICE/DATA DETAIL
E4.1 NOT TO SCALE

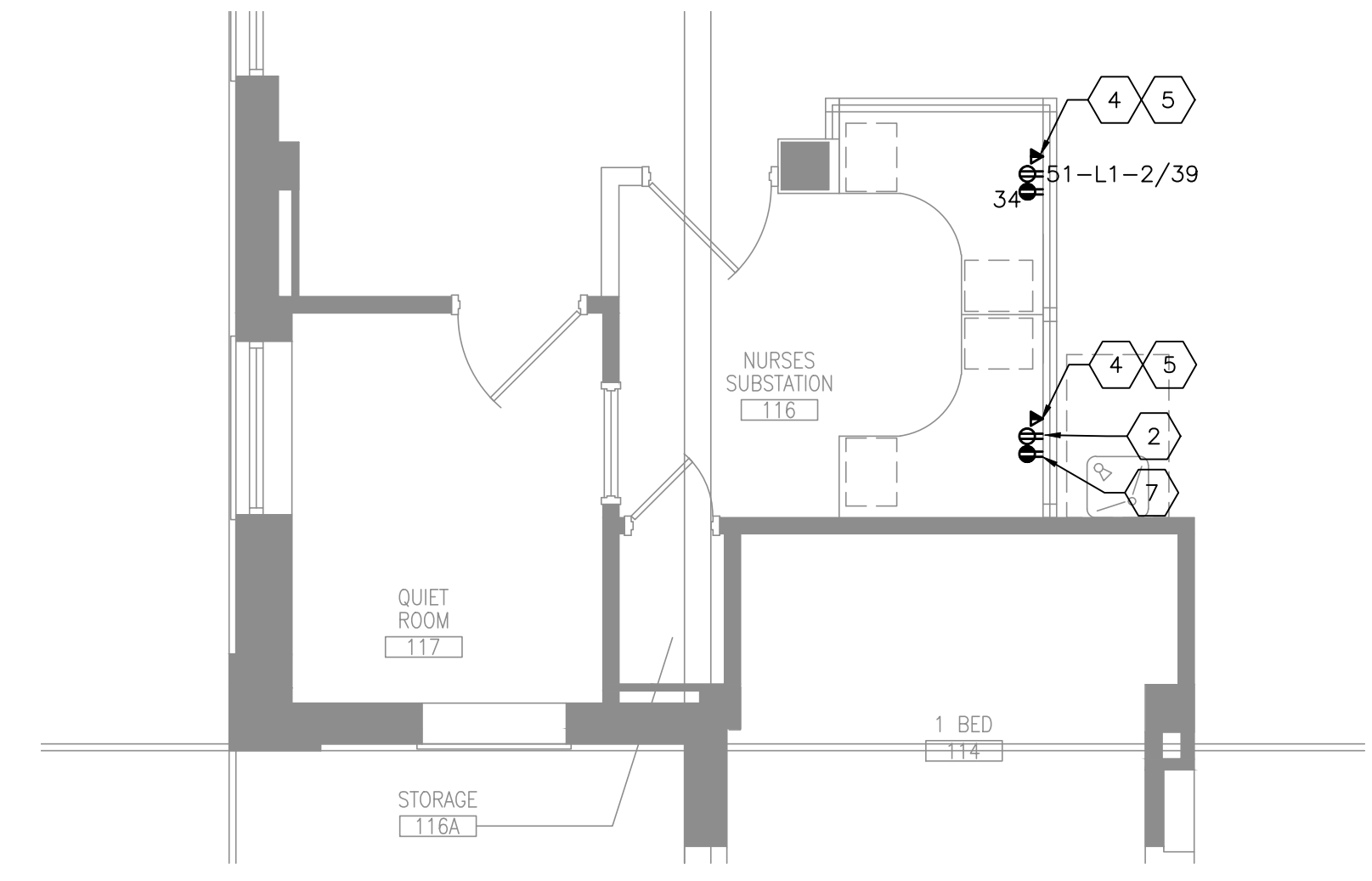
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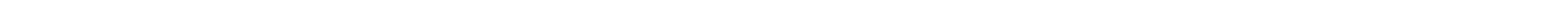
BUILDING 51 FIRST FLOOR LIGHTING PLAN - NURSE STATION 131
SCALE = 1/4"=1'-0"



BUILDING 51 FIRST FLOOR POWER & SYSTEMS PLAN - NURSE STATION 131
SCALE = 1/4"=1'-0"



BUILDING 51 FIRST FLOOR POWER AND SYSTEMS PLAN - NURSE STATION 116
SCALE = 1/4"=1'-0"



BUILDING 51 SECOND FLOOR POWER AND SYSTEMS PLAN - NURSE STATION 202
SCALE = 1/4"=1'-0"

GENERAL NOTES

- INSTALL LIGHT SWITCHES AND WALL CONTROL STATIONS WITHIN ONE FOOT OF THE ADJACENT DOOR OR SIDE LIGHT. WHEN INSTALLED ON THE HINGED SIDE OF DOOR THEY SHALL NOT BE OBSTRUCTED WHEN DOOR IS OPEN.
- PROVIDE ALL BRANCH CIRCUITS WITH A DEDICATED NEUTRAL CONDUCTOR PER CIRCUIT.
- PROVIDE A NON-SWITCHED CIRCUIT TO ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS.
- FOR EXACT LOCATION OF CEILING MOUNTED ELECTRICAL LIGHTING, DEVICES, ETC. SEE ARCHITECTURAL REFLECTED CEILING PLAN. FOR WALL MOUNTED DEVICES REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
- ALL DEVICES ON THIS SHEET SHALL BE CONNECTED TO EXISTING SQ D PANEL 51-L1-3, UNLESS NOTED OTHERWISE. PROVIDE 20/1P BREAKERS IN EXISTING SPACE IN PANEL. MATCH EXISTING MANUFACTURE AND AIC RATING.
- REFER TO MECHANICAL PLANS FOR ALL NEW DUCT LOCATIONS, ROUTING, ETC. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR AND RELOCATE ALL ELECTRICAL AND LOW VOLTAGE THAT IS IN THE WAY OF NEW DUCT WORK INSTALLATION (I.E. CONDUIT, WIRE, LIGHT, FIRE ALARM, SOUND AND VOICE ETC.).
- ALL NEW DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS SHALL BE INSTALLED IN SURFACE RACEWAY. COLOR TO MATCH EXISTING SURFACE. ALL NEW DEVICES SHOWN TO BE INSTALLED ON EXISTING SHEET ROCK WALLS SHALL BE CUT-IN AND FLUSH MOUNTED. PROVIDE RECESSED BACKBOXES THROUGHOUT ALL NEW CONSTRUCTION AREA.
- REFER TO THE ARCHITECTURAL SPECIFICATIONS DIVISION 0 AND DIVISION 1 FOR SCHEDULING REQUIREMENTS. MAINTAIN SERVICES TO OCCUPIED AREAS OF THE BUILDING DURING CONSTRUCTION. PROVIDE TEMPORARY SERVICES AS REQUIRED.
- PROVIDE ALL CUTTING AND PATCHING (INCLUDING FIRE STOPPING) OF FLOORS, WALLS OR CEILINGS FOR DIVISION 26 WORK. MATCH ADJACENT SURFACES.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL EXISTING CEILINGS AS NEEDED FOR ELECTRICAL WORK BEYOND GENERAL DEMOLITION OF CEILINGS SHOWN ON THE ARCHITECTS DRAWINGS. REPLACE ALL LAY-IN TILES DAMAGED AS A RESULT OF THE DEMOLITION OF ELECTRICAL WORK.
- SEAL ALL HOLES LEFT IN SMOKE OR FIRE RATED WALLS OR FLOORS COMPLETELY WITH INTUMESCENT TYPE FIRE BARRIERS.
- ALL CONDUITS, BACK BOXES, RACEWAYS, COVERPLATES, ETC. FOR VOICE, DATA, VIDEO, PAGING, NURSE CALL, CCTV AND CARD ACCESS OUTLETS ARE PROVIDED BY DIVISION 26 ELECTRICAL CONTRACTOR.
- ALL TECHNOLOGY SYSTEMS CABLEING, DEVICES, EQUIPMENT INSTALLATION, CONNECTIONS AND TESTING FOR VOICE, DATA, VIDEO, PAGING, NURSE CALL, CCTV AND CARD ACCESS OUTLETS ARE TO BE PROVIDED BY A LICENSED LOW VOLTAGE/POWER LIMITED COMMUNICATIONS CONTRACTOR/SUBCONTRACTOR AS SHOWN ON PLANS AND AS SPECIFIED IN DIVISION 27 SPECIFICATION.
- ALL NETWORK ELECTRONICS (SWITCHES, SERVERS, ROUTERS, ETC.) AND WIRELESS ACCESS POINTS REQUIRED TO ACTIVATE THE LAN/WAN DATA NETWORK ARE TO BE PROVIDED BY THE OWNER.
- PROVIDE PLENUM RATED WIRE FOR ALL TECHNOLOGY CABLEING REQUIRED TO DEVICES INDICATED ON TECHNOLOGY PLAN AND DIVISION 27 SPECIFICATIONS.
- FOR EXACT LOCATION OF CEILING MOUNTED TECHNOLOGY DEVICES SEE ARCHITECTURAL REFLECTED CEILING PLAN. FOR WALL MOUNTED DEVICES REFER TO ARCHITECTURAL INTERIOR ELEVATIONS.
- TECHNOLOGY DEVICES EQUIPMENT, COMPONENTS, ETC SHOWN SCREENED (LIGHTLY SHADED) ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE. DEVICES, ETC SHOWN BOLD ARE NEW AND SHALL BE PROVIDED UNDER THIS CONTRACT.
- MODIFY EXISTING FIRE ALARM AND PAGING SYSTEMS FOR THE ADDITION OF NEW DEVICES SHOWN. PROVIDE ALL PROGRAMMING AND COMPONENTS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
- WHERE NO EXISTING CABLE TRAY IS SUPPORT ALL CABLES EVERY 48"-60" USING APPROVED J-HOOK HANGERS AS DESCRIBED IN SECTION 27 13 00.
- ALL NEW TECHNOLOGY DEVICES SHOWN TO BE INSTALLED ON EXISTING BLOCK WALLS SHALL BE INSTALLED IN SURFACE RACEWAY PROVIDED BY DIVISION 26 ELECTRICAL CONTRACTOR. DIVISION TECHNOLOGY CONTRACTOR IS RESPONSIBLE FOR PROVIDING COVERPLATES FOR TECHNOLOGY DEVICE MOUNT.
- ALL NEW TECHNOLOGY DEVICES SHOWN TO BE INSTALLED ON EXISTING SHEET AND NEW ROCK WALLS SHALL BE FLUSH MOUNTED IN RECESSED BACKBOXES PROVIDED BY DIVISION 26 ELECTRICAL CONTRACTOR.
- PROVIDE NEW HORIZONTAL UTP CATEGORY 6 ORNPP COPPER CABLEING FOR ALL NEW TECHNOLOGY VOICE AND DATA OUTLETS SHOWN. ROUTE CABLEING TO EXISTING TELECOMMUNICATIONS ROOM, TERMINATE, AND TEST.
- PROVIDE NEW PLENUM RATED WIRING TO ALL NURSE CALL DEVICE LOCATIONS SHOWN AS REQUIRED, IN ACCORDANCE WITH NURSE CALL MANUFACTURERS CABLEING REQUIREMENTS, TO EXISTING LOW VOLTAGE EQUIPMENT ROOM.

PLAN NOTES

- EMERGENCY DEVICE SHALL BE CONNECTED TO EXISTING PANEL 51-EC1-1. PROVIDE 20A/1P BREAKERS IN EXISTING SPACE. BREAKERS SHALL MATCH EXISTING PANEL AIC RATING TYPICAL.
- USE SPARE BRANCH CIRCUIT SALVAGED DURING DEMOLITION TO FEED DEVICE SHOWN.
- MAKE ALL REQUIRED CONNECTIONS TO EXISTING FIRE ALARM SYSTEM.
- PROVIDE COMBINATION VOICE/DATA TECHNOLOGY OUTLET AT LOCATION SHOWN. ROUTE (2) CABLES TO TELECOMMUNICATION ROOM AND MAKE ALL REQUIRED TERMINATIONS.
- ROUTE BRANCH CIRCUIT AND LOW VOLTAGE CABLEING IN NEW NURSE STATION FURNITURE. COORDINATE WITH NURSE STATION FURNITURE CONTRACTOR PRIOR TO ROUGH-IN AND PROVIDE.
- EMERGENCY DEVICE SHALL BE CONNECTED TO EXISTING SQ D PANEL 51-EC2-1. PROVIDE 20A/1P BREAKERS IN EXISTING SPACE. BREAKERS SHALL MATCH EXISTING PANEL AIC RATING TYPICAL.
- USE SPARE CRITICAL BRANCH CIRCUIT SALVAGED DURING DEMOLITION TO FEED DEVICE SHOWN.
- MAKE CONNECTION TO ROOM LIGHTING. SUCH THAT FIXTURE IS CONTROLLED WITH THE REST OF ROOM LIGHTING.
- CONNECT ROOM LIGHT FIXTURE TO NEAREST LIGHTING BRANCH CIRCUIT AND PROVIDE CONTROLS AS SHOWN.
- INSTALL LIGHT FIXTURE SALVAGED DURING DEMOLITION.
- RELOCATED SWITCHES/DIMMERS. EXTEND ALL ASSOCIATED ELECTRICAL FROM EXISTING LOCATION. SHOWN ON SHEET E3.1 AND RECONNECT.
- DEVICE SHALL BE CONNECTED TO EXISTING SQ D PANEL 51-L2-2. PROVIDE A 20AMP 1POLE BREAKERS IN SPACE IN PANEL. MATCH EXISTING MANUFACTURE AND AIC RATING.
- REINSTALL KEYED SWITCHES FOR DOORS SALVAGED DURING DEMOLITION. EXTEND ALL EXISTING CIRCUITING/WIRING AS REQUIRED.
- REINSTALL EXISTING SPEAKER SALVAGED DURING DEMOLITION. EXTEND ALL EXISTING CABLEING AS REQUIRED.
- REINSTALL EXISTING SWITCH SALVAGED DURING DEMOLITION. EXTEND ALL ASSOCIATED ELECTRICAL. REFER TO PLAN NOTE 11 ON SHEET E3.1 FOR ADDITIONAL INFORMATION.
- REINSTALL EXISTING SWITCH SALVAGED DURING DEMOLITION. EXTEND ALL ASSOCIATED ELECTRICAL. REFER TO PLAN NOTE 12 ON SHEET E3.1 FOR ADDITIONAL INFORMATION.
- FINAL LOCATION OF RELOCATED REFRIGERATOR. RECONNECT JOHNSON CONTROLS MONITORING SYSTEM. EXTEND ALL CONDUIT, CABLEING, AND ASSOCIATED ELECTRICAL TO RECONNECT DEVICES. REFER TO SHEET E3.1 NOTE 25 FOR ADDITIONAL INFORMATION.
- FINAL LOCATION OF RELOCATED DOOR RELEASE BUTTON. EXTEND ALL CONDUIT, CABLEING, AND ALL ASSOCIATED ELECTRICAL REQUIRED TO RECONNECT. REFER TO E3.1 NOTE 26 FOR ADDITIONAL INFORMATION.
- FINAL LOCATION OF MEDICAL CART. REFER TO E3.1 NOTE 27 FOR ADDITIONAL INFORMATION.
- FINAL LOCATION OF RELOCATED DOOR RELEASE BUTTON. EXTEND ALL CONDUIT, CABLEING, AND ALL ASSOCIATED ELECTRICAL REQUIRED TO RECONNECT. REFER TO E3.1 NOTE 23 FOR ADDITIONAL INFORMATION.

100 % CONSTRUCTION DOCUMENTS - FOR CONSTRUCTION

No	REVISION	DATE

 Design Tree ENGINEERING AND LAND SURVEYING	Alexandria Office 525 Broadway Street Alexandria, MN 56308 phone 320.759.9030 fax 320.759.9062	St. Cloud Office 3309 West St. Germain, Suite 250 St. Cloud, MN 56301 (320) 217-5557
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 JLG architects	Alexandria 525 Broadway Street Alexandria, MN 56308 phone 320.759.9030 fax 320.759.9062 www.jlgarchitects.com copyright © 2013
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DESIGNED BY AARON R. HANDELLER, PE DATE: 05-15-2013	DRAWING TITLE BUILDING 51 FIRST FLOOR ELECTRICAL PLAN - NURSE STATIONS 131, 116 & 202	APPROVED: PROJECT DIRECTOR DATE:
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PROJECT UPGRADE RECEPTION STATIONS BUDGS 2 & 51	DATE 05.15.2013	BY AS NOTED
DRAWING NO. 2 & 51	PROJECT NO. ARM	POWER DLJ
CITY ST. CLOUD VA MEDICAL CENTER ST. CLOUD, MN 56303	NO. FILE 320X	DATE 05.20.21

 St. Cloud VA Health Care System Brainerd Montevideo Alexandria

Panelboard Schedule											
Name	EXISTING 2-L1-2 Phase			3			Main Bussing			MLO	
Location	HALL			4			225A				
Mounting	RECESSED			Wire Voltage			120/208				
	Description	Type	Load	Ckt Bkr	Ckt #	Ckt #	Ckt Bkr	Load	Type	Description	
	EXISTING LOAD			201	1	2	201			EXISTING LOAD	
	EXISTING LOAD			201	3	4	201			EXISTING LOAD	
	EXISTING LOAD			201	5	6	201			EXISTING LOAD	
	EXISTING LOAD			201	7	8	201			EXISTING LOAD	
	EXISTING LOAD			201	9	10	201	200	RC	NURSE 121	
	EXISTING LOAD			201	11	12	201			EXISTING LOAD	
	EXISTING LOAD			201	13	14	201			EXISTING LOAD	
	EXISTING LOAD			202	15	16	201			EXISTING LOAD	
	EXISTING LOAD			201	17	18	201			EXISTING LOAD	
	EXISTING LOAD			201	19	20	201			EXISTING LOAD	
	EXISTING LOAD			201	21	22	201			EXISTING LOAD	
	EXISTING LOAD			201	23	24	201			EXISTING LOAD	
	EXISTING LOAD			302	25	26	201			EXISTING LOAD	
	EXISTING LOAD			27	28	201				EXISTING LOAD	
	SPACE		302	29	30	201	200	RC		NURSE 121	
	SPACE			31	32	201	200	RC		NURSE 121	
	SPACE			33	34	201	200	RC		NURSE 121	
	SPACE			35	36	201	200	RC		NURSE 121	
	SPACE			37	38	201	200	RC		NURSE 121	
	SPACE			39	40	201	200	RC		NURSE 121	
	SPACE			41	42	201	200	RC		NURSE 121	
Notes											
1. PROVIDE BREAKER IN EXISTING SPACE.											
2. EXISTING PANEL MANUFACTURE IS SQ. D.											

Panelboard Schedule											
Name	EXISTING 2FC Phase			3	Main			100A MCB			
Location	RM11 BASEMENT SURFACE			4	Bussing			125			
Mounting				120/208	A/C						
Description	Type	Load	Ckt Bkr	Ckt #	Ckt #	Ckt Bkr	Load	Type	Description		
EXISTING LOAD			201	1	2	201			EXISTING LOAD		
EXISTING LOAD			201	3	4	201			EXISTING LOAD		
EXISTING LOAD			201	5	6	201			EXISTING LOAD		
EXISTING LOAD			201	7	8	201			EXISTING LOAD		
EXISTING LOAD			201	9	10	201			EXISTING LOAD		
EXISTING LOAD			201	11	12	201			EXISTING LOAD		
EXISTING LOAD			201	13	14	201			EXISTING LOAD		
EXISTING LOAD			201	15	16	201			EXISTING LOAD		
EXISTING LOAD			201	17	18	201			EXISTING LOAD		
EXISTING LOAD			201	19	20	201			EXISTING LOAD		
EXISTING LOAD			201	21	22	201			EXISTING LOAD		
EXISTING LOAD			201	23	24	203			EXISTING LOAD		
EXISTING LOAD			201	25	26	201			EXISTING LOAD		
NURSE 121	RC	200	201	27	28				EXISTING LOAD		
NURSE 121	RC	200	201	29	30	201			EXISTING LOAD		
EXISTING LOAD			203	31	32	201			EXISTING LOAD		
EXISTING LOAD				33	34	201	200	RC	NURSE 121		
EXISTING LOAD				35	36	201	200	RC	NURSE 121		
EXISTING LOAD			203	37	38	201	200	RC	NURSE 121		
EXISTING LOAD				39	40	402			EXISTING LOAD		
EXISTING LOAD				41	42				EXISTING LOAD		
Notes											
1. USE SPARE BREAKER IN EXISTING PANEL.											
2. EXISTING PANEL MANUFACTURE IS SQ. D.											

Panelboard Schedule											
Name	EXISTING 51-EC1-1 Phase 3				Main Bussing		100A MCB				
Location	HALL				Wire Voltage		125A				
Mounting	RECESSED				120/208		AIC				
Description	Type	Load	Ckt Bkr	Ckt #	Ckt #	Ckt Bkr	Load	Type	Description		
EXISTING LOAD		201	1	2	201				EXISTING LOAD		
EXISTING LOAD		201	3	4	201				EXISTING LOAD		
EXISTING LOAD		201	5	6	201				EXISTING LOAD		
EXISTING LOAD		201	7	8	201				EXISTING LOAD		
EXISTING LOAD		201	9	10	201				EXISTING LOAD		
EXISTING LOAD		201	11	12	201				EXISTING LOAD		
EXISTING LOAD		201	13	14	201				EXISTING LOAD		
SPACE			15	16	201				EXISTING LOAD		
SPACE			17	18	201				EXISTING LOAD		
SPACE			19	20	201	200	RC		NURSE 131		
SPACE			21	22	201	200	RC		NURSE 131		
SPACE			23	24	201	200	RC		NURSE 131		
SPACE			25	26	201	200	RC		NURSE 131		
SPACE			27	28	201	200	RC		NURSE 131		
SPACE			29	30	201	200	RC		MED RM 133		
SPACE			31	32	201	200	RC		MED RM 133		
SPACE			33	34	201	200	RC		NURSE 116		
SPACE			35	36	201	200	RC		MED RM 133		
SPACE			37	38	201	200	RC		MED RM 133		
SPACE			39	40	201	200	RC		MED RM 133		
SPACE			41	42	201	200	RC		NURSE 131		
Notes											
1. PROVIDE A NEW BREAKER IN EXISTING PANEL.											
2. EXISTING PANEL MANUFACTURE IS SQ. D.											

Panelboard Schedule											
Name	EXISTING 51-L1-3			Phase	3	Main Bussing			MLO		
Location	HALL			Wire	4	AUC			225A		
Mounting	RECESSED			Voltage	120/208						
Description	Type	Load	Ckt Bkr	Ckt #	Ckt Bkr	Load	Type	Description			
EXISTING LOAD			201	1	2	201		EXISTING LOAD			
EXISTING LOAD			201	3	4	201		EXISTING LOAD			
EXISTING LOAD			201	5	6	201		EXISTING LOAD			
EXISTING LOAD			201	7	8	201		EXISTING LOAD			
EXISTING LOAD			201	9	10	201		EXISTING LOAD			
EXISTING LOAD			201	11	12	201		EXISTING LOAD			
EXISTING LOAD			201	13	14	201		EXISTING LOAD			
EXISTING LOAD			201	15	16	201		EXISTING LOAD			
EXISTING LOAD			201	17	18	201		EXISTING LOAD			
EXISTING LOAD			201	19	20	201		EXISTING LOAD			
EXISTING LOAD			201	21	22	201	200	RC	NURSE 131		
EXISTING LOAD			201	23	24	201	200	RC	NURSE 131		
EXISTING LOAD			201	25	26	201	200	RC	NURSE 131		
EXISTING LOAD			201	27	28	201	200	RC	NURSE 131		
EXISTING LOAD			201	29	30	201	200	RC	NURSE 131		
EXISTING LOAD			201	31	32	201	200	RC	MED RM 133		
EXISTING LOAD			201	33	34	201	200	RC	MED RM 133		
EXISTING LOAD			201	35	36	201	200	RC	MED RM 133		
EXISTING LOAD			201	37	38	201	200	RC	MED RM 133		
EXISTING LOAD			201	39	40	201	200	RC	MED RM 133		
EXISTING LOAD			201	41	42	201		SPARE			
Notes											
1. USE SPARE BREAKER IN EXISTING PANEL.											
2. EXISTING PANEL MANUFACTURE IS SQ. D.											

Panelboard Schedule											
Name	EXISTING 51-L1-2			Phase	3		Main		MLO		
Location	HALL			Wire	4		Bussing		225A		
Mounting	RECESSED			Voltage	120/208						
Description	Type	Load	Ckt Bkr	C	Ct #	C	Ct #	C	Load	Type	Description
EXISTING LOAD	201	1	2	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	3	4	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	5	6	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	7	8	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	9	10	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	11	12	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	13	14	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	15	16	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	17	18	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	19	20	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	21	22	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	23	24	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	25	26	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	27	28	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	29	30	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	31	32	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	33	34	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	35	36	201					EXISTING LOAD		EXISTING LOAD
EXISTING LOAD	201	37	38	201					EXISTING LOAD		EXISTING LOAD
NURSE 116	RC	200	201	201		40	201		EXISTING LOAD		EXISTING LOAD
SPACE				41		42					SPACE

Notes

1. PROVIDE A BREAKER IN EXISTING PANEL SPACE.

2. EXISTING PANEL MANUFACTURE IS SQ. D.